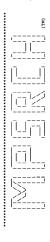
Page



Release 3.1A John F. Collins, Biocomputing Research Unit. Copyright (c) 1993-1998 University of Edinburgh, U. K. Distribution rights by Oxford Wolecular Ltd

Wed Sep 8 13:40:50 1999; MasPar time 75.04 Seconds 916.624 Million cell updates/sec n.a. - n.a. database search, using Smith-Waterman algorithm Tabular output not generated. MPsrch\_nn Run on:

(1-321) from US09133119.seq 321 >US-09-133-119-2 Description: Perfect Score: N.A. Sequence: ritle:

1 GACATCTTGCTGACTCAGTC. CTGTAGAACGACTGAGTCAG.

Dbase 0; Query 0 TABLE default Gap 6 Scoring table: match STD 271905 seqs, 107135622 bases x 2

searched:

Minimum Match 0% Listing first 45 summaries Post-processing:

n-geneseq35 Database:

| Timeric | Dept. 3 | April 1, April 1, April 2, April 1, April 2, April 2,

Variance 4.693; scale 1.708 Mean 8.015: Statistics:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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## ALIGNMENTS T 1 V03615 standard; cDNA; 321 BP. V03615;

02-ABE:189 (first entr)
Coding sepance for Light chain writhble region used in chimeric Ab
Thmoar meroosis Record: human; DRMS: Themmetoid architiss; malignancy;
Thmoar meroosis the control of the cont Variable region; ss. neurodegenerative disease, Mus sp. US5698195-A.

180-071-1364; 134-104-1344; 138-104-1364; 13 16-DEC-1997

Treatment of Industrial actor is a vith chimeric antibody directed designed thanks than 15 to the chimeric and part than 15 to the many 19 to 10 3pp. Emglish.

Claim 15; Column 99 100 3pp. Emglish.

Claim 15; Column 99 100 3pp. Emglish.

Claim 15; Sequence Treatments the column sequence for the variable light chain of a mouse antibody. This sequence con be used as part of the chimeric of a mouse antibody. This sequence con be used as part of the chimeric 98-051431/05 WPI; 98-051431, P-PSDB; W40820.

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321

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/ Match 100.0%; Local Similarity 100.0%;

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Gaps

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89 T 6 9.02e-208; 77 G; Mismatches Score 321; Pred. No. 5 72 C; Pred.

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Sequence 321 BP: 83 A; 72 C: 77 G;
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ö tteteetgeagggceagttegttegttggeteaageatceactggtateageaagaaca 120 TTCTCCTGCAGGGCCAGTCAGTTGGTTGGTTGGTCAAGCATCCACTGGTATCAGCAAAGAACA 120 aatggttetecaaggetteteataaagtatgettetgagtetatgtetgggateeettee 180 121 AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGTCTGGGATCCCTTCC 180 aggittagiggcagiggatcagggacagatttacicitagcatcaacactgiggagict 240 18.1 AGGTTTAGTGGCAGTGGATCAGGGACAGATTTTACTCTTAGCATCAACACTGTGGAGTCT 240 gaagatattgcagattattactgtcaacaaagtcatagctggccattcacgttcggctcg 300 GAAGATATTGCAGATTATTACTGTCAACAAGTCATAGCTGGCCATTCACGTTCGGCTCG 300 9 9 Gaps gacatettgetgacteagteteeagecateetgtgagteeagagagagagteagt GACATCTTGCTGACTCAGTCTCCAGCCATCCTGTCTGTGAGTCCAGGAGAAGAGTCAGT 12-Jāk-1998 (first entry) Huwanised caz light chain variable region.
ThR: tumour necrosis fector; Crohn's disease; cA2 antibody; ss. ö 0; Indels No. 9.02e-208; Mismatches Score 321; Pred. No. 9. GGGACAAATTTGGAAGTAAAA 321 gggacaatttggaagtaaaa 321 BD Query Match 100.0%; Best Local Similarity 100.0%; Matches 321; Conservative JE 2 TB7441 standard: cDNA: 321 | TB7441: 181

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Insert coding for 19th colin colin the Recembinant DAN, chimet, monoclonal entibody; light chain; heavy chain; variable region; cell line (CE25.
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Pred. No. 4.65e-186;
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N90300 standard; DNA; 1395
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bes 306; Conservative
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28-DEC-1988; 810898.
05-JAN-1988; GB-00077.
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Treatment of Crobn's disease - yy administering humanised ck2 antibody specific for unwour necrosis factor bisciosure Fig 168, 87 pp. English. An enti-Treat Chimeric antibody may be administered for treating TRF-siphs mediated Crobn's disease in a human.

Siegel SA;

Le J,

(CENT.) CENTOCOR INC. (UNNY.) UNIV NEW YORK MEDICAL CENT. Padonna P, Ghrayeb J, Knight D, I

WPI; 97-414547/38. -- PSDB; W28531

Vilcek

18-MAR-1991; 670827. 04-FEB-1994; US-192102. 18-MAR-1991; US-670827. 18-MAR-1992; US-853606. 11-SEP-1992; US-943852. 26-JAN-1993; US-010406. 02-FEB-1993; US-013413.

2-AUG-1997. Synthetic.

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                                                                                                                                                                                                                                                                                                                                       this drug as an anticancer agent, e.g. by allowing an increased dosage to be used.
1060 ttctcctgcagggccagtcagagcattggcacaagcttacactggtatcagcaaagaaca 1119
                                                                                                             1120 astigitotoccaaggottotoatgaagtatgottotgagtotatototgggatocottoc 1179
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woodcoma. Dangloop 1381 light chain against type II phospholipase A2. Woodcoma. Dangloop 1381 liphospholipase A3: inhibituon cisphatin; woodcoma. anthodomy type II phospholipase A3: inhibituon cisphatin; amelioration; tidney disorder; nephrotoxicity; anticancer; ds.
                                        61 TICTCCTGCAGGGCCAGTCAGTTGGTTGGCTCAAGCATCCACGGTATCAGCAAAGAACA 120
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product= "monoclonal antibody 12H5 light chain"
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Pred. No. 1.91e-182;
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V12262 standard; cDNA to mRNA; 381 BP.
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19-52P-1996; JP-247605.
27-JUN-1996; JP-16726.
(TANA ) YANANOUCH PHRAN CO LTD.
Hayashi K. Kawauchi Y. Masuho Y.
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P-PSDB: W44176.
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gacatcttgctgactcagtctccagccatcctgtctgtgagtccaggagaagagtcact 120
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                                                                                                                    ttctcctgcagggccagtcagagcattggcacaagcatacactggtatcagcaaagaaca
                                                                                                                                                                                 TTCTCCTGCAGGGCCAGTCAGTTCGTTGGCTCAAGCATCCACTGGTATCAGCAAGAACA
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Anti-1994 MbW 84-127 light chain variable region cDNN.
Single chain antibody: Scrv; monoclonal antibody; MAD: 48-127;
Expp 21: gp84; antigen cancer marker; bladder cancer;
Press; cancer; cervix chacker marker; bladder cancer;
Press; cancer; cervix chacker; prostate cancer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             diagnosis; therapy; lamunotherapy; ds.
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Pred. No. 2.81e-180;
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10..321
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19-SEP-1997, Ano690.
19-SEP-1996; UB-026320.
(DIAG-) DIAGNOCURE INC.
DALYORA A, FRAGE Y;
WFI: 98-217211/19
P-PSDB; W26795.
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    gacatcttgctgactcagtctccagccatcctgtctgtgagtccaggagaaagagtcagt 60

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                                                                                                                 aatggttctccaaggcttctcataagtatgcttctgagtctatctctgggatccettcc
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GACATCTTGCTGACTCAGTCTCCAGCCATCCTGTGAGTCCAGGAGAAAGAGTCAGT
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WPI: 93-197057/24.
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B-B10 MAb L chain V region DNA.
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06-DEC-1991; JP-323319.
(BIOT ) BIOTEST PHARMA GMBH.
(INNO-) INNOTHERAPIE LAB.
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043243 standard: DNA: 321
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Best Local Similarity 93.5%;
Matches 300; Conservative
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WO9311238-A.
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180 180 240 240 TTCTCCTGCAGGCCAGTCAGTTCGTTGGTCAAGCATCCACTGGTATCAGCAAAGAACA 120 gaagatattgcagattattactgtcaacaagtagtagctggccgctcacgttcggtgct 300 241 GAAGATATTGCAGATTATTACTGTCAACAAAGTCATAGCTGGCCATTCACGTTCGGCTCG 300 402 gacgitaigaigacgcaatciccagccaiccigicigigagiccaggagaaagagicagi 461 and prostate cancers. It can be used to detect cancers and mirrometatases as of badders prostate breast or unterline certix concers, and may be linked to specific toxins for use in cancer therapy. Such striva at concern cancer concerns and may be taken to specific toxins for use in cancer cancer therapy. Such striva are an expensional captured by pp4-2-bearing target cells more quickly than conventional New recombinant antibodies to gp54 antigen - used for the detection of cancers and metastases and for therapy of cancers expressing the This count against the count single chain antibody that can see that count against count aatggttctccaaggcttctcataaagtatgcttctgagtctatctctgggatcccttcc 121 AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGTCTGGGATCCCTTCC 181 aggittagitgcagitgatcagggacagattttacicitagcatcaacagigitggagict 181 AGGTTTAGTGGCAGTGGATCAGGACAGATTTTACTCTTAGCATCAACACTGTGGAGTCT Single chain antibody: scFv; monoclonal antibody: MAb: 48-127; trop-2, pg64, antique; cencer marker; bladder cancer; breast cancer; cervix cancer; prostate cancer; metastasis; diagnosis; therapy; immunotherapy; ds. Length 720; 182 T; 86.3%; Score 277; DB 44; Length 720 93.4%; Pred, No. 6.04e-176; etive 0; Mismatches 21; Indels 200 G; 160 C; Location/Qualiflers 3..720 14-SEP-1998 (first entry) Anti-gp54 MAb 48-127 scFv cDNA. 301 gggaccaagctggagctgaaa 321 301 GGGACAATTTGGAAGTAAAA 321 BP 178 A; V26770 standard; cDNA; 720 298; Conservative 26-MAR-1998. 19-SEP-1997; CA0690. 19-SEP-1996; US-026320. /\*tag-(DIAG-) DIAGNOCURE INC. Chimeric - Mus sp. Chimeric - Synthetic. Darveau A, Fradet Y; WPI; 98-217211/19. P-PSDB; W26799. Local Similarity 720 BP;

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Direct Submissor.
Submitted (07-037-1996) Lab. of Tumor Cell Biology, National Cancer
Institute, 37 Convent Drive, Room 6All, Bethesda, MD 20892-425.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /translation-"LEVKLVESGGGLVQPGRSMKLSCVASGFTFSNYWMWWRQSPEX
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                                                                                                                                           Humanization of an antibody recognizing a breast cancer specific
                                  1 (bases 1 to 354)
Detection, S., Matczak, E., Reitz, M.S. Jr., Gallo, R.C., Keydar, I.,
and Warkins, B.A.
                                                                                                                                                                                           Immunotechnology (1996) In press Choses Lt o 354) P. Choses Lt o 354) P. Procentinis, whiczak,E., Reitz,M.S. Jr., Gallo,R.C., Keydar,I. and Metkins,B.A.
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Arangon, V-region; immunoglobulin heavy chain; immunoglobulin
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Pred. No. 3.29e-193;
0; Mismatches 17; Indels
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/db_xref="PID:g1710423"
/db_xref="GI:1710423"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Nus musculus"
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/rearranged
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QSPEKGLEWVAEIRLKSNNYATHYAESVKGRFTISRDDSKSSVYLQMNNFRSEDTGIY
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Tegion (IgCvH) mRNA, partial cds.
                                                                                          Direct Submission Submission Submission Submitted (0.007-1991) EMBL Data Library by: Keartinen K., University of Helsinki, Dept. of Bacteriology Rearthaninkatu 3 SF-00290 Helsinki Finland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eskaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria, Rodentia; Sciurognathi: Muridae; Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        79 TCCTGTGTGCCTCTGGATTCACTTTCAATTACTAGTGGATGAACTGGGTGCGCCAGTCT 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 TCCTGTGTTGCTCTGGATTCATTTCAGTAACCACTGGATGAACTGGGTCCGCCAGTCT 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               121 CCAGAGAAGGGGCTTGAGTGGGTTGCTGAAATTAGATCAAAATCTATTAATTCTGCAACA 180
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L Similarity 93.3%; Pred. No. 3.29e-193;
Sel); Conservative 0; Mismatches 20; Indels
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/protein_id="Ch4/7226.1"
/db_xref="PlD:951248"
/db_xref="G1:51248"
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/clone="VH16C10"
                                                                                                                                                                                                                                                                                                    /organism="Mus musculus"
/strain="R III"
/db_xref="taxon:10090"
/chromosome="12"
Sur. J. Immunol. (1991) In press
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/gene=*V(H)13G7*
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                                  (bases 1 to 318)
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Rest Local Similarity
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JOURNAL
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//db_kref="G1:414567"
//kranal ation="EVOLVESGGGLVQPGGSMKYSCIASGFTFSHYMMNWRGSPEKG
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TGHYGDDWGQGTSYTYIS"
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Vertebrata; Eutherla; Rodentla; Sciurognathl; Myomorpha; Muridae;
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                                       181 CATTATGCGGAGTCTGTGAAAGGGAGGTTCACCATCTCAAGAGATGATTCCAAAAGTGCT 240
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                                                                                                                                                                                                                                            241 GTCTACCTGCAAATGACCGACTTAAGAACTGAAGACACTGGCGTTTATTACTG 293
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Pred. No. 1.33e-190;
0; Mismatches 27; Indels
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/protein_id="AAA21378.1"
/db_xref="PID:9414567"
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/strain="BALB/c"
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<l. .>366
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/cell_line="425"
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Best Local Similarity 91.3%;
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U03110.1 GI:414566
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                121 CCAGAGAAGGGCCTTGAGTGGCTTGCTGAATTAGATCTATTAATTCTGCAACA 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           181 CATTATGCGGAGTCTGTGAAAGGAGGTTCACCATCTCAAGAGATGATTCCAAAAGTGCT 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 TCCTGTGTTGCCTCTGGATTCATTTTCAGTAACCACTGGATGAACTGGGTCCGCCCAGTCT 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 TCCTGTGTTGCCTCTGGATTCATTTTCAGTAACCACTGGATGAACTGGGTCCGCCAGTCT 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          193 CATTATGCGGAGTCTGTGAAAGGGAGGTTCACCATCTCAAGAGATGATTCCAAAAGTAGT 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      73 TCCTGTGTTGCCTCTGGATTCACTTTCAGTAACTACTGGATGTACTGGGTCCGCCAGTCT 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  193 CATTATGCGGAGTCTGTGAAAGGGAGGTTCACCATCTCAAGAGATGATTCCAAAAGTAGT 252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              73 TCCTGTGTTGCCTCTGGATTCACTTTCAGTAACTACTGGATGTACTGGGTCCGCCAGTCT 132
                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                   13 GAAGTGAAGCTTGAGGAGTCTGGAGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACTC 72
                                                                                                                                                                                                                                                                                                                                                                                     1 GAAGTGAAGCTTGAGGAGTCTGGAGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACTC 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            15-JUN-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GAAGTGAAGCTTGAGGAGTCTGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACTC 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No. 1.33e-190;
0; Mismatches 18; Indels 0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MUSIGHER 314 bp mRNA ROD 15-JUN-1990
MOUSE 49 active H-chain (GACI) mRNA V-region, from hybridoma
68.709, partial cds.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     M32044.1 GI.195969
Vregion: Immunoglobulin heavy chaln; processed gene.
Worse (strain A/J), CDNA to mRNA, arti-GAC hybridoma 68.2D8
                                                                                        Score 257, DB 32; Length 306;
Pred. No. 1.33e-190;
0; Mismatches 18; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               253 GTCTACCTGCAAATGAACAGCTTAAGGGCTGAAGACACTGGAATTTATTACTG 305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        241 GTCTACCTGCAAATGACCGACTTAAGAACTGAAGACACTGGCGTTTATTACTG 293
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12. >314
/note="Ig H-chain V-region, X"
58 c 86 g 82 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 257;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /db_xref-"taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
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Best Local Similarity 93.9%;
Matches 275; Conservative
                                                                                        Query Match 72.0%;
Best Local Similarity 93.9%;
Matches 275; Conservative
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Chromosome 12.
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AUTHORS

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SOURCE

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Eukaryotas; mitochondrial eukaryotes; Metazoa; Chordata; Wuridee;
Vertebrata; Euheria; Rodentia; Sclurognathi; Myomorpha; Muridee;
Murinae Mus
181 CATTATGCGGAGTCTGTGAAAGGGAGGTTCACCATCTCAAGAGATGATTCCAAAAGTGCT 240
                                      241 GTCTACCTGCAAATGAACAACTTAAGAGCTGAAGACACTGGCATTTATTACTGTACCAGG 300
                                                          15-JUN-1990
                                                                                                                                                                                         MUSICHRU 314 bp mRNA ROD 15-JUN-139,
Rouse 1g active H-chain (GAC1) mRNA V-region, from hybridome
68.333, partial cds.
                                                                                                                                                                                                                                                                                                                     M32045.1 GI:195970 V-region; immunoqiobulin heavy chain; processed gene. Worse (strain A/J), cDNA to mRNA, anti-GAC hybridoma 68:3D3 Nus musculus
                                                                                                            301 CGGGGCTACGG 311
                                                                                                                                   301 AATTACTACGG 311
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                                                                                                                                                                                                         RESULT 15
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AUTHORS TITLE JOURNAL

REFERENCE FEATURES

MEDLINE

Location/Qualifiers

source intron BASE COUNT ORIGIN

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Search completed: Wed Sep 8 14:07:17 1999 Job time : 1357 secs.

14 AAGTGAAGCTTGAGGAGTCTGGAGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACTCT 73 2 AAGTGAAGCTTGAGGAGTCTGGAGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACCT 61 Ouery Match

71.7%; Score 256; DB 32; Length 314;
Best Local Similarity 93.8%; Pred. No. 9.80e-10;
Matches 214; Conservative 0; Mismatches 18; Indels 0; Gaps

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12. 314
Noce=\_ig +-chain v-region, X\*
Chromosome 12. 1. 314 /organism-"Mus musculus" /db\_xref-"taxon:10090"

exon